

Docket No.: PZ006P1C1

40. A composition comprising the ~~protein~~ isolated first polypeptide of claim 37 and a pharmaceutically acceptable carrier.

41. An isolated protein produced by the method comprising:

- (a) expressing the ~~protein~~ isolated first polypeptide of claim 37 by a cell; and
- (b) recovering said protein.

42. An isolated first polypeptide at least 90% identical to a second polypeptide consisting of the secreted portion of the polypeptide encoded by the HEMCM42 cDNA contained in ATCC Deposit No. 209075, wherein said first polypeptide is capable of being used to generate or select an antibody that specifically binds the second polypeptide.

43. The isolated first polypeptide of claim 42, wherein said first polypeptide is at least 95% identical to ~~the~~ said second polypeptide.

44. The ~~protein~~ isolated first polypeptide of claim 42 which further comprises a polypeptide sequence heterologous to SEQ ID NO:59.

45. A composition comprising the ~~protein~~ isolated first polypeptide of claim 42 and a pharmaceutically acceptable carrier.

46. An isolated protein produced by the method comprising:

- (a) expressing the ~~protein~~ isolated first polypeptide of claim 42 by a cell; and
- (b) recovering said protein.

47. An isolated first polypeptide at least 90% identical to a second polypeptide consisting of amino acid residues 1 to 113 of SEQ ID NO:59, wherein said first polypeptide is capable of being used to generate or select an antibody that specifically binds the second polypeptide.

48. The isolated first polypeptide of claim 47, wherein said first polypeptide is at least 95% identical to said second polypeptide.

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49. The ~~protein~~ isolated first polypeptide of claim 47 which comprises a heterologous polypeptide sequence.

50. A composition comprising the ~~protein~~ isolated first polypeptide of claim 47 and a pharmaceutically acceptable carrier.

51. An isolated protein produced by the method comprising:
(a) expressing the ~~protein~~ isolated first polypeptide of claim 47 by a cell; and
(b) recovering said protein.

52. An isolated first polypeptide at least 90% identical to a second polypeptide consisting of the complete polypeptide encoded by the HEMCM42 cDNA contained in ATCC Deposit No. 209075, wherein said first polypeptide is capable of being used to generate or select an antibody that specifically binds the second polypeptide.

53. The isolated first polypeptide of claim 52, wherein said first polypeptide is at least 95% identical to said second polypeptide.

54. The ~~protein~~ isolated first polypeptide of claim 52 which further comprises a polypeptide sequence heterologous to SEQ ID NO:59.

55. A composition comprising the ~~protein~~ isolated first polypeptide of claim 52 and a pharmaceutically acceptable carrier.

56. An isolated protein produced by the method comprising:
(a) expressing the ~~protein~~ isolated first polypeptide of claim 52 by a cell; and
(b) recovering said protein.

57. An isolated protein consisting of at least 30 contiguous amino acid residues of amino acid residues 30 to 113 of SEQ ID NO:59, wherein said protein is capable of

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being used to generate or select an antibody that specifically binds a protein comprised of amino acid residues 30 to 113 of SEQ ID NO:59.

58. The isolated protein of claim 57 which consists of at least 50 contiguous amino acid residues of amino acid residues 30 to 113 of SEQ ID NO:59, wherein said protein is capable of being used to generate or select an antibody that specifically binds a protein comprised of amino acid residues 30 to 113 of SEQ ID NO:59.

62. An isolated protein consisting of at least 30 contiguous amino acid residues of the secreted portion of the polypeptide encoded by the HEMCM42 cDNA contained in ATCC Deposit No. 209075, wherein said protein is capable of being used to generate or select an antibody that specifically binds a protein comprised of the secreted portion of the polypeptide encoded by the HEMCM42 cDNA contained in ATCC Deposit No. 209075.

63. The isolated protein of claim 62 which consists of at least 50 contiguous amino acid residues of the secreted portion of the polypeptide encoded by the HEMCM42 cDNA contained in ATCC Deposit No. 209075, wherein said protein is capable of being used to generate or select an antibody that specifically binds a protein comprised of the secreted portion of the polypeptide encoded by the HEMCM42 cDNA contained in ATCC Deposit No. 209075.

67. An isolated protein consisting of at least 30 contiguous amino acid residues of amino acid residues 1 to 113 of SEQ ID NO:59, wherein said protein is capable of being used to generate or select an antibody that specifically binds a protein comprised of amino acid residues 1 to 113 of SEQ ID NO:59.

68. The isolated protein of claim 67 which consists of at least 50 contiguous amino acid residues of amino acid residues 1 to 113 of SEQ ID NO:59, wherein said protein is capable of being used to generate or select an antibody that specifically binds a protein comprised of amino acid residues 1 to 113 of SEQ ID NO:59.

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72. An isolated protein consisting of at least 30 contiguous amino acid residues of the complete polypeptide encoded by the HEMCM42 cDNA contained in ATCC Deposit No. 209075, wherein said protein is capable of being used to generate or select an antibody that specifically binds a protein comprised of the complete polypeptide encoded by the HEMCM42 cDNA contained in ATCC Deposit No. 209075.

73. The isolated protein of claim 72 which consists of at least 50 contiguous amino acid residues of the complete polypeptide encoded by the HEMCM42 cDNA contained in ATCC Deposit No. 209075, wherein said protein is capable of being used to generate or select an antibody that specifically binds a protein comprised of the complete polypeptide encoded by the HEMCM42 cDNA contained in ATCC Deposit No. 209075.

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